WHAT IS CLAIMED IS:

1. A data processing apparatus for communicating with an information processing apparatus through a network, the data processing apparatus comprising

a power source unit for supplying power required to form images,

examining means for examining a process of the information processing apparatus, and

power control means for controlling the state of supplying power of the power source unit to each device based on the result of the process examination.

2. A data processing apparatus according to claim 1, wherein the examining means examines the process in accordance with user-defined parameters.

3. A data processing apparatus according to claim 2, wherein the user-defined parameters include whether the process is active.

4. A data processing apparatus according to claim 1,

wherein the examining means examines a load average of the process, and

wherein the power control means controls the power

supply state based on the results of the process examination
of the load average.

5.   A data processing apparatus according to claim 2,
wherein the user-defined parameters are set on a per
examination processing apparatus basis.

6.   A data processing apparatus according to claim 1,
wherein the power control means limits the power supply
state to each device from the power supply unit to shift to
a sleep mode based on the results of examination of a
plurality of processes provided by the examining means.

7.   A data processing apparatus according to claim 1,
wherein the data processing apparatus comprises an image
forming device.

8.   A power control method for a data processing
apparatus including, a power source unit for supplying power
required to form images, for communicating with an
information processing apparatus through a network, the
power control method comprising the steps of
        examining a process of the information processing
apparatus, and
        controlling the state of supplying power of the

power source unit to each device based on the result of the process examination.

9.   A power control method according to claim 8, wherein the examining step includes examining the process in accordance with user-defined parameters.

10.   A power control method according to claim 9, wherein the user-defined parameters include whether the process is active.

11.   A power control method according to claim 8,

        wherein the examining step comprises examining a load average of the process, and

        wherein the power control step comprises controlling the power supply state based on the results of the process examination containing the process examination of the load average.

12.   A power control method according to claim 9, wherein the user-defined parameters are set on a per examination processing apparatus basis.

13.   A power control method according to claim 8, wherein the power control step comprises limiting the power supply state to each device from the power supply unit to

shift to a sleep mode based on the results of examination of a plurality of processes provided in the examining step.

14. A power control method according to claim 8, wherein the data processing apparatus comprises an image forming device.

15. A computer program of a data processing apparatus including, a power source unit for supplying power required to form images, for communicating with an information processing apparatus through a network, the computer program comprising

program codes for executing the steps of examining a process of the information processing apparatus, and

controlling the state of supplying power of the power source unit to each device based on the result of the process examination.

16. A storage medium storing, in a computer readable form, a computer program of a data processing apparatus including, a power source unit for supplying power required to form images, for communicating with an information processing apparatus through a network, the computer program comprising

program code for executing the steps of examining a

process of the information processing apparatus, and

program code for controlling the state of supplying power of the power source unit to each device based on the result of the process examination.

17. In a network having a printer coupled to at least one host computer, a method of using the host computer to transition the printer between different power states, the method comprising:

receiving information about an active process that is currently running on the host computer; and

transitioning the printer between an active power state and a power saving state based on the information received about the active process.

18. The method of claim 17 wherein the information indicates that the active process is suspended.

19. The method of claim 17 wherein the information indicates that the active process is consuming power below or above a threshold amount.

20. The method of claim 18 wherein when the active process is suspended, the printer is transitioned from the active power state to the power saving state.

21. The method of claim 19 wherein when the active process remains active, the printer is transitioned from the power saving state to the active power state.

22. The method of claim 19 wherein when the active process is consuming power below the threshold amount, the printer is transitioned from the active power state to the power saving state.

23. The method of claim 19 wherein when the active process is consuming power at or above the threshold amount, the printer is transitioned from the power saving state to the active power state.

24. In a network having a printer coupled to a first host computer and a second host computer, a method of using the host computers to transition the printer between different power states, the method comprising:

receiving information about a first process running on the first host computer;

receiving information about a second process running on the second host computer; and

transitioning the printer between an active power state and a power saving state based on the information received

about the first process and the second process.

25. The method of claim 24 wherein the printer is transitioned from the active power state to the power saving state when the information received shows that the first process and the second process are suspended.

26. The method of claim 24 wherein the printer is transitioned from the active power state to the power saving state when the information received shows that the first process and the second process are consuming power below a threshold amount.